The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

```
4588517 5377033 5011270 5856853 5253090 4846560
4412724 5379137 5023013 5861198 5305127
5495355 5410424 5035489 5892562 5393460 5190686
5995185 5420706 5178571 5926242 5434690 6181403 5539548 5218464 5933203 5438453
                                              5248446
                                              5409734
4561725 5555110 5220445 6014190 5479282
                                              5619601
4836657 5559617 5247191 6034756 5490001 5841500
5498450 5566009 5258865 6108059 5493426 5844649
         5568298
                  5268782 6252624 5517343
                                              4595259
5541747
                  5301046 6277451 5572047
5594569 5583670
                                              4796979
5679414 5598284 5309263 6348245 5576866
5696570 5621558 5310502 6353467 5618469
        5691788 5321534 6355314 5627665
5698944 5327269 6355315 5631665
5818557
5844653 5698944
6094246 5725406 5357356 6365239 5706109
6201593 5776364 5365356 6368680 5720898
6205159 5781259 5394256 6373540 5726728
4386350 5784137 5400156 6377327 5731111
4386350 5784137
4470667 5837163
                  5473449 6392725 5773179
4556745 5844651
                  5481388 6407797 5784134
                  5504438 6449024 5790217
        5858284
4576733
4585575
         5870164
                  5515188
                           6618105
                                     5870162
4586791 5948486 5518654 6620466 5894360
4756847 6046788 5525273 6671008 5917465
5177629 6061111 5528392 6674505 5968411
5337171 6097465 5535026 6693696 5991000
5367393 6108061 5534884 6832028 5995188
5383041 6175401 5541749 6867836 6030668
5500538 6195139 5545280 6897936 6051639
5604616 4047803 5550664 5748275
5666173 4048088 5559619 4824213
                                     6055031
                           4824213 6099752
5856858 4083797 5568294 5290477 6115091
5880801 4261650 5579137 5016987 6118512
6055028 4273420 5583677 4400061 6118507
6208398 4343535 5595620 5599593 6180024
4336980 4381886 5600457 5760860 6222602
4601547 4389096 5615029 6010641
                                     6222602
4762400 4405211 5617228 6118422 6236441
4815823
        4483595
                  5619353 4022934
                                     6304254
                  5619354 4050786 6312770
4828370 4566759
4842372 4836654
                  5625473 4148128 6498634
4879144 4867543
                  5646754 4068925 6511612
4995705 4895432
                  5710609
                           4370647
                                     6556263
5196952 4906074
                  5715026 4436379
                                    6757035
5207946 4911863
                  5726729 4462027 6847418
5283675 4946260 5734457 4559161 6914655
5289300 4950052
                  5764321 4832460
                                    5348828
5317429 4959398
                  5786878
                           5179458 5548420
5327271 4986638
                  5793459
                           5202054 5568291
5368770 4989955 5818548 5206748 4775225
```